

## EXECUTIVE SUMMARY

GENERAL MOTORS CORP.

SANDUSKY, OHIO

U.S. EPA ID: OHD001880442

US EPA RECORDS CENTER REGION 5



424856

The General Motors Corp. site, aka New Departure Hyatt (NDH) site, contains an active facility where automobile and other types of bearings are manufactured. The site measures 3 to 4 acres and is located in Sandusky, Ohio. The operations at the facility include the machining, grinding, washing, plating, heat treating, and assembly of bearings. The site is operated by New Departure Hyatt, a division of General Motors Corporation.

From approximately 1945 through the early 1960s, New Departure Hyatt operated a wastewater treatment system at the site. The wastewater treatment system used ferrous sulfate lime to treat oily wastewater and weak plating rinse water from on-site operations. The clarifier slurry generated during treatment was pumped to concrete sludge-thickening basins. Water decanted from the basins was drained back into the treatment process; the thickened sludge was pumped into a lagoon for dewatering. The sludge was then removed from the lagoon, dried, and placed in an on-site disposal area. It is not known at this time whether the disposal area is lined. The sludge allegedly contained copper cyanide, halogenated solvents, nonhalogenated solvents, chromium, and 1,1,1-trichloroethane. The site is entirely fenced.

The underlying geology in the area of the site consists primarily of dense, low porosity clay, along with several feet of earthen material that is believed to have covered the site when the facility expanded its activities during the mid 1960s. The city of Sandusky is serviced solely by surface water drawn from Lake Erie, which is approximately 1 1/2 miles north of the site.

New Departure Hyatt has been granted interim status under section 3005(e) of the Resource Conservation and Recovery Act (RCRA). In

February 1984 the company applied for a RCRA permit for closing the on-site disposal area. New Departure Hyatt was informed by U.S. EPA that it had to submit a closure plan explaining how the closure of the disposal area could control, minimize, or eliminate post-closure exposure of hazardous materials to the ground or surface water.

U.S. EPA also required that New Departure Hyatt collect soil samples before the permit would be granted. Analysis of samples collected in October 1988 revealed chromium, but not at levels above background. On October 30, 1989, New Departure Hyatt was notified that its closure plan was not approved. Currently, New Departure Hyatt is applying for a generator-only permit under RCRA. New Departure Hyatt appears to have closed its disposal area. FIT believes, based on aerial photographs, that the facility continues to be a waste generator. Because of the current RCRA status of the General Motors Corp. site, FIT recommends that no further action be taken at this time.

7019:8



POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT  
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION

01 STATE | 02 SITE NUMBER  
OH | D001880442

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site) General Motors Corp.		02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER 2509 Hayes Avenue			
03 CITY Sandusky	04 STATE OH	05 ZIP CODE 44870	06 COUNTY Erie	07 COUNTY CODE 043	08 CONG DIST 05
09 COORDINATES LATITUDE 41° 26' 00. W"		LONGITUDE 082° 42' 55. N"			
10 DIRECTIONS TO SITE (Starting from nearest public road) Hayes Ave. south approximately 5 blocks from Sandusky High School on the right side.					

III. RESPONSIBLE PARTIES

01 OWNER (if known) L.A. Lanning		02 STREET (Business, mailing, residential) 2509 Hayes Avenue			
03 CITY Sandusky	04 STATE OH	05 ZIP CODE 44870	06 TELEPHONE NUMBER (419) 627-7000		
07 OPERATOR (if known and different from owner) General Motors Corporation		08 STREET (Business, mailing, residential) 2509 Hayes Avenue			
09 CITY Sandusky	10 STATE OH	11 ZIP CODE 44870	12 TELEPHONE NUMBER (419) 627-7076		
13 TYPE OF OWNERSHIP (Check one) <input checked="" type="checkbox"/> A. PRIVATE <input type="checkbox"/> B. FEDERAL: _____ (Agency name) <input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input type="checkbox"/> E. MUNICIPAL <input type="checkbox"/> F. OTHER: _____ (Specify) <input type="checkbox"/> G. UNKNOWN					

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)

☐ A. RCRA 3001 DATE RECEIVED: \_\_\_\_\_ ☐ B. UNCONTROLLED WASTE SITE (RCRA 103 c) DATE RECEIVED: \_\_\_\_\_ ☐ C. NONE  
Michigan status MONTH DAY YEAR MONTH DAY YEAR

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION <input type="checkbox"/> YES DATE _____ <input type="checkbox"/> NO MONTH DAY YEAR		BY (Check all that apply) <input type="checkbox"/> A. EPA <input type="checkbox"/> B. EPA CONTRACTOR <input type="checkbox"/> C. STATE <input type="checkbox"/> D. OTHER CONTRACTOR <input type="checkbox"/> E. LOCAL HEALTH OFFICIAL <input type="checkbox"/> F. OTHER: _____ (Specify) unknown CONTRACTOR NAME(S): _____			
02 SITE STATUS (Check one) <input type="checkbox"/> A. ACTIVE <input type="checkbox"/> B. INACTIVE <input type="checkbox"/> C. UNKNOWN		03 YEARS OF OPERATION 11/15/45   Present BEGINNING YEAR ENDING YEAR <input type="checkbox"/> UNKNOWN			

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED

Halogenated Solvents, Copper Cyanide, 1,1,1 Trichloroethane, Chromium, non-halogenated Solvents and Lead

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION

Potential contamination of groundwater via migration of Contaminates because of no known liner at the site.

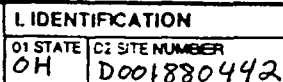
V. PRIORITY ASSESSMENT Potential Hazard: Low

01 PRIORITY FOR INSPECTION (Check one. If High or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents)

☐ A. HIGH (inspection required promptly) ☐ B. MEDIUM (inspection required) ☐ C. LOW (inspect on time available basis) ☒ D. NONE (no further action needed, complete current disposition form)

VI. INFORMATION AVAILABLE FROM

01 CONTACT Mary Villatteale		02 OF (Agency/Organization) EPA		03 TELEPHONE NUMBER (312) 886-7439	
04 PERSON RESPONSIBLE FOR ASSESSMENT Deneen Benford		05 AGENCY US EPA	06 ORGANIZATION EHE/FIT	07 TELEPHONE NUMBER (312) 663-9415	08 DATE 2, 4, 91 MONTH DAY YEAR



<input checked="" type="checkbox"/> A TOXIC	<input type="checkbox"/> E SOLUBLE	<input type="checkbox"/> I HIGHLY VOLATILE
<input checked="" type="checkbox"/> B. CORROSIVE	<input type="checkbox"/> F. INFECTIOUS	<input type="checkbox"/> J EXPLOSIVE
<input type="checkbox"/> C. RADIOACTIVE	<input type="checkbox"/> G FLAMMABLE	<input type="checkbox"/> K REACTIVE
<input checked="" type="checkbox"/> D. PERSISTENT	<input type="checkbox"/> H IGNITABLE	<input type="checkbox"/> L INCOMPATIBLE
		<input type="checkbox"/> M NOT APPLICABLE

## EPA FORM 2070-12 (7-81)



POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A. GROUNDWATER CONTAMINATION

02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☒ POTENTIAL ☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: 0

04 NARRATIVE DESCRIPTION

A potential exist for the migration of contaminates into the groundwater. Groundwater is not used for drinking. There is no indication of a liner at the site that would prevent the migration of contaminates.

01 ☐ B. SURFACE WATER CONTAMINATION

02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

04 NARRATIVE DESCRIPTION

no known potential - Mills Creek is approximately 1/2 mile away from the site with no known migration pathway.

01 ☐ C. CONTAMINATION OF AIR

02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

04 NARRATIVE DESCRIPTION

no known potential

01 ☐ D. FIRE/EXPLOSIVE CONDITIONS

02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

04 NARRATIVE DESCRIPTION

no known Potential

01 ☐ E. DIRECT CONTACT

02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☒ POTENTIAL ☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

04 NARRATIVE DESCRIPTION

no known Potential - site is fenced

01 ☒ F. CONTAMINATION OF SOIL ~ 3-4

02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED

03 AREA POTENTIALLY AFFECTED: \_\_\_\_\_

04 NARRATIVE DESCRIPTION

Chromium was detected in on site samples but the levels were not detected above background. The Soil samples collected were for the closure Plan submitted to the EPA in October 1988

01 ☐ G. DRINKING WATER CONTAMINATION

02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

04 NARRATIVE DESCRIPTION

See B above

01 ☒ H. WORKER EXPOSURE/INJURY

02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☒ POTENTIAL ☐ ALLEGED

03 WORKERS POTENTIALLY AFFECTED: unknown

04 NARRATIVE DESCRIPTION

The site is active and it is unknown how many workers are employed at the site

01 ☐ I. POPULATION EXPOSURE/INJURY

02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

04 NARRATIVE DESCRIPTION

no known potential



POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT  
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

None known

01 ☐ K. DAMAGE TO FAUNA  
04 NARRATIVE DESCRIPTION (include name(s) of species)

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

None known

01 ☐ L. CONTAMINATION OF FOOD CHAIN  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

none known

01 ☐ M. UNSTABLE CONTAINMENT OF WASTES  
(Spills/runoff/standing liquids/leaking drums)  
03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION

None known

01 ☐ N. DAMAGE TO OFFSITE PROPERTY  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

None known

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

None known

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

It is unknown whether any illegal dumping of wastes has occurred at this site

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

N/A

III. TOTAL POPULATION POTENTIALLY AFFECTED: 0

IV. COMMENTS

Chromium was detected in on site soil samples but the levels were not <sup>detected</sup> above background. The soil samples were collected for the Closure plan submitted to the Ohio EPA in October 1988

V. SOURCES OF INFORMATION (Cite specific references, e. g., state files, sample analysis, reports)

EPA Files

## REFERENCE DOCUMENTATION SHEET

Ref. #	DESCRIPTION OF REFERENCE
1	US Geological Survey Ohio Quads Quads 7.5 minute series Castalia 1969, Sandusky 1969, Bellevue 1969, Kimball 1969, Scale 1:24000
2	US Department of Commerce Climatic Atlas of the United States National Climatic Center, Ashville, NC 1979
3	Phone Log: Deneen Benford of E&E called Dave Wolshucka of the Sandusky City Water Treatment Plant, located in Sandusky, Ohio, Time 9:50 a.m. 1-30-91
4	U.S. EPA File on New Departure Hyatt site, Sandusky, Ohio, U.S. EPA ID OHD001880442.

## REFERENCE DOCUMENTATION SHEET

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